

## **MINE SITE VISIT REPORT**

### **New Mexico AML Program**

**Date of Visit :** August 30, 2007      **Weather :** Sunny 85°  
**Mine/Project Name:** Barbara J # 1 Mine – Northwest of Grants, New Mexico  
**Duration of Visit :** 1.0 hour (10:00 am to 11:00 am)  
**Purpose of Visit :** Maintenance inspection to the Barbara J # 1 mine, part of the legacy site assessment for AML project sites.  
**Observations :** Travel to the project site; access to this site was from the west using a two track road. Location: SW1/4, NW1/4, NE1/4 of Sec. 20 T.13N., R.9W., Dos Lomas Quad. UTM Zone 13, E243060 N3913260, Uranium Mine. This site is on BLM land.

Signs of human activity were not recent. Vegetation is similar to undisturbed areas except for waste piles which lacked vegetation. Land use appears to be limited grazing for cattle but not recently. Previous reclamation is obvious. The shaft is fenced and subsided. Total site area is approximately 6 acres. The nearest residence appears to be over 1-mile away in the southern direction.

Background radiometric levels of 29  $\mu\text{R/hr}$  at both 1-meter and ground level, were read utilizing a Ludlum Model-14C survey meter with a NaI Model 44-2 Gamma Scintillator probe and were taken at the drill hole pictured below. The overall waste and ground within the middle portion of the disturbance area have radiometric levels of 114-257  $\mu\text{R/hr}$  at 1-meter and 200-429  $\mu\text{R/hr}$  at ground level.

This site has areas of mounded waste, concrete foundations, some wood and metal mining debris. There is a drainage along the north edge of the site heading east towards a larger arroyo. For complete details see topographic GPS info using the MapGuide map found at [http://164.64.103.6/mmdtest/AML\\_Uranium-DEV.htm](http://164.64.103.6/mmdtest/AML_Uranium-DEV.htm)

Further action recommended to mitigate radiometric levels. No other safety concerns at this time.

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MSV Written:	September 18, 2007 – for files.	CC:	John Kretzmann, Karen Garcia and files.

#### **Photos:**





**Mine Shaft Subsided Looking Southwest**



**Mine Drill Hole Looking East**



## Mine Waste Pile Looking Northwest